

RECEIVED Page 1 of 7

JUN 21 2001

TECH CENTER 1600/2646

RAW SEQUENCE LISTING DATE: 05/14/2001
PATENT APPLICATION: US/09/731,231 TIME: 14:16:06

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\05142001\I731231.raw

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6 <120> TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
7 ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
8 THEREOF
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13 <141> CURRENT FILING DATE: 2000-12-07
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85 35 40 45
86 Lys Lys Ala Lys Arg Gly Glu Leu Lys Val Leu Lys Glu Ile Ser
87 50 55 60
88 Val Gly Glu Leu Asn Pro Asn Glu Thr Val Gln Ala Asn Leu Glu Ala
89 65 70 75 80
90 Gln Leu Leu Ser Lys Leu Asp His Pro Ala Ile Val Lys Phe His Ala
91 85 90 95
92 Ser Phe Val Glu Gln Asp Asn Phe Cys Ile Ile Thr Glu Tyr Cys Glu
93 100 105 110
94 Gly Arg Asp Leu Asp Asp Lys Ile Gln Glu Tyr Lys Gln Ala Gly Lys
95 115 120 125
96 Ile Phe Pro Glu Asn Gln Ile Ile Glu Trp Phe Ile Gln Leu Leu Leu
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98 Gly Val Asp Tyr Met His Glu Arg Arg Ile Leu His Arg Asp Leu Lys
99 145 150 155 160
100 Ser Lys Asn Val Phe Leu Lys Asn Asn Leu Leu Lys Ile Gly Asp Phe
101 165 170 175
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103 180 185 190
104 Thr Gly Thr Pro His Tyr Met Ser Pro Glu Ala Leu Lys His Gln Gly
105 195 200 205
106 Tyr Asp Thr Lys Ser Asp Ile Trp Ser Leu Ala Cys Ile Leu Tyr Glu
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115          275          280          285
116 Glu Gln Leu Gln Asn Leu Met Cys Arg Tyr Ser Glu Met Thr Leu Glu
117          290          295          300
118 Asp Lys Asn Leu Asp Cys Gln Lys Glu Ala Ala His Ile Ile Asn Ala
119 305          310          315          320
120 Met Gln Lys Arg Ile His Leu Gln Thr Leu Arg Ala Leu Ser Glu Val
121          325          330          335
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123          340          345          350
124 Ala Asp Glu Lys Ala Arg Lys Leu Lys Lys Ile Val Glu Glu Lys Tyr
125          355          360          365
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127          370          375          380
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139 465          470          475          480
140 Asp Ala Phe Asp Ser Tyr Cys Val Glu Ser Asp Glu Glu Glu Glu
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L:3590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:5023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:5024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:5025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:5026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3